

## JEE Main 29 January 2024 Shift 2 Answer Key Mathematics

Q.1: Find the probability that the number is a multiple of 4 or 6 or 7 If in the given set = (1, 2, 3, ....50} one number is selected randomly from a set? A.1: 21/50

Q.2: What will be the remainder when  $64^{32} {}^{(32)}$  is divided by 9? A.2: 1

A.4: 8

Q.3: Find the value of 12 A if the area bounded by 0< (equal to) y< (equal to), min {x+2, 2x + 2}, x is an element of [3, 0]? A.3: 164

Q.4: A=(1, 2, 3, 4} minimum number of elements added to make it equivalence relation on set A containing (1, 3) & (1, 2) in it.